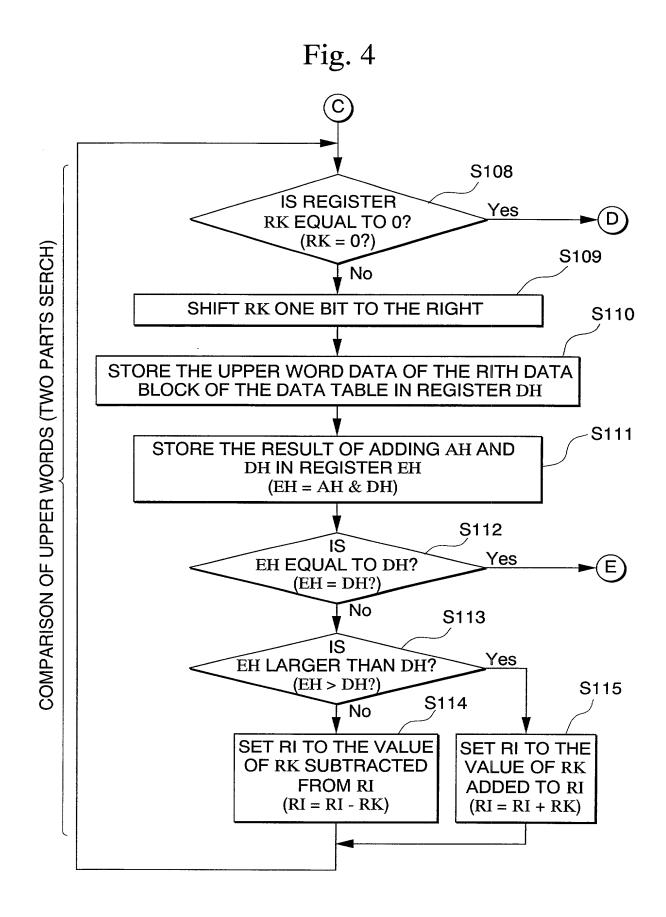
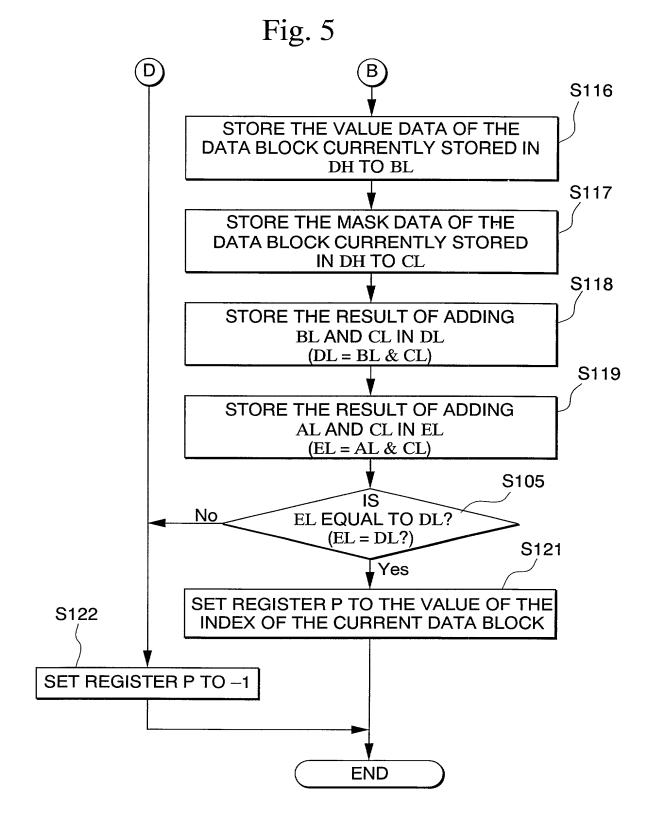


Fig. 3 S103 STORE THE UPPER WORD DATA OF THE 0TH DATA BLOCK OF THE DATA TABLE IN REGISTER DH S104 STORE THE RESULT OF ADDING AH AND DH IN REGISTER EH (EH = AH & DH)S105 IS EH EQUAL TO DH? <u>Yes</u> (EH = DH?)No S106 SET REGISTER RI TO 16 (RI = 32 / 2) S107 SET REGISTER RK TO RI (RK = RI)





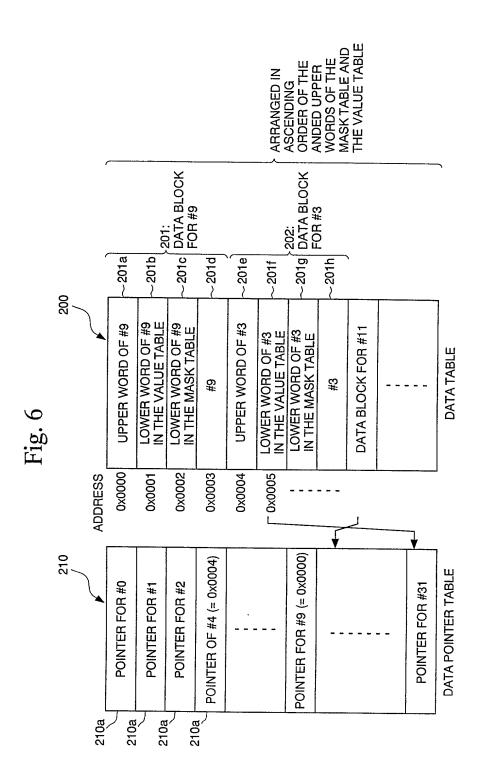


Fig. 7

300	P	INDEX REGISTER
301a	АН	COMPARISON OBJECT UPPER REGISTER
301b	AL	COMPARISON OBJECT LOWER REGISTER
302a	ВН	COMPARISON DATA UPPER REGISTER
302b	BL	COMPARISON DATA LOWER REGISTER
]303a	СН	MASK DATA UPPER REGISTER
303b	CL	MASK DATA LOWER REGISTER
]304a	DH	ADD REGISTER OF AH AND CH
]304b	DL	ADD REGISTER OF AL AND CL
]305a	ЕН	ADD REGISTER OF BH AND CH
305b	EL	ADD REGISTER OF BL AND CL
306	RI	REGISTER
307	RK	OFFSET REGISTER

Fig. 8

ļ	HIGH SPEED TWO PART SEARCH
FIRST TIME	
SECOND TIME	
THIRD TIME	
BY FIXING THE	DATA LENGTH SO AS ALWAYS TO BE AB

BY FIXING THE DATA LENGTH SO AS ALWAYS TO BE ABLE TO BE BISECTED DURING THE SEARCH AT 2N—1, THERE IS NO NEED TO CONTROL THE UPPER LIMIT (U) AND THE LOWER LIMIT (L).

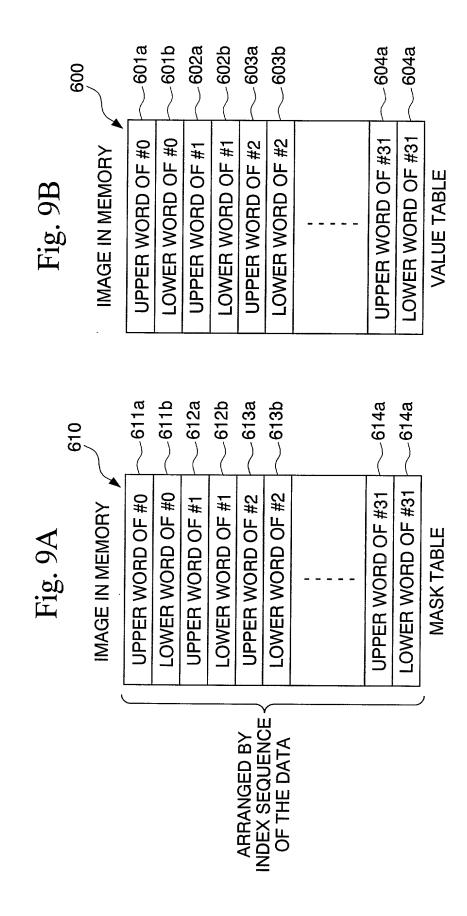


Fig. 10

700	P	INDEX REGISTER
701a	АН	COMPARISON OBJECT UPPER REGISTER
701b	AL	COMPARISON OBJECT LOWER REGISTER
702a	ВН	COMPARISON DATA UPPER REGISTER
702b	BL	COMPARISON DATA LOWER REGISTER
703a	СН	MASK DATA UPPER REGISTER
703b	CL	MASK DATA LOWER REGISTER
704a	DH	ADD REGISTER OF AH AND CH
704b	DL	ADD REGISTER OF AL AND CL
705a	ЕН	ADD REGISTER OF BH AND CH
705b	EL	ADD REGISTER OF BL AND CL

800b: 8 Section_number LOWER 16 Program_number	PROGRAM ASSOCIATION  Bit SECTION  8 Table_id  16 Transport_stream_id  WORD  2 Reserved Version_number WORD 1 Current_next_indicator	Fig. 11A
er 801b <	id id 801a	
8 Section_number 8 Last_section_number 16 Descriptor	CONDITIONED ACCESS Bit SECTION  8 Table_id 18 Reserved 5 Version_number 1 Current_next_indicator	Fig. 11B
<u> </u>	16 8 Bi	
Section_number  Last_section_number  Reserved  PCR_PID	TRANSPORT STREAM PROGRAM Bit MAP SECTION  8 Table_id 6 Program_number 2 Reserved 5 Version_number 1 Current_next_indicator	Fig. 11C
8 Section_number 8 Last_section_number 16 Program_data_byte	Bit  8 Table_id  16 Table_id_extension  2 Reserved  5 Version_number  1 Current_next_indicator	Fig. 11D

Fig. 12

